

Title (en)

ARRAYS OF ORGANIC COMPOUNDS ATTACHED TO SURFACES

Title (de)

ARRAYS AN FESTE PHASEN ANGEKOPPELTER ORGANISCHER VERBINDUNGEN

Title (fr)

PROCEDES ET COMPOSITIONS PERMETTANT DE FORMER UN RESEAU DE REACTIONS CHIMIQUES SUR UNE SURFACE SUPPORT

Publication

**EP 1163374 A2 20011219 (EN)**

Application

**EP 99961813 A 19991123**

Priority

- US 9928021 W 19991123
- US 11052798 P 19981201
- US 32647999 A 19990604

Abstract (en)

[origin: WO0033084A2] Compositions and methods are provided for performing regionally selective solid-phase chemical synthesis of organic compounds. Such methods may employ solvent-resistant photoresist compositions to prepare arrays of organic compounds, such as ligands, for use within a variety of diagnostic and drug discovery assays. Ligand-arrays may comprise, for example, nucleobase polymers that are resistant to degradative enzymes.

IPC 1-7

**C12Q 1/68**; **C12Q 1/37**; **G01N 33/68**

IPC 8 full level

**B01J 19/00** (2006.01); **C07B 61/00** (2006.01); **C07H 21/00** (2006.01); **C07K 1/04** (2006.01); **C07K 14/00** (2006.01); **C12M 1/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/37** (2006.01); **C12Q 1/68** (2006.01); **C40B 20/02** (2006.01); **C40B 40/02** (2006.01); **C40B 50/00** (2006.01); **C40B 50/06** (2006.01); **C40B 60/10** (2006.01); **G01N 37/00** (2006.01); **G03F 7/00** (2006.01); **C40B 40/06** (2006.01); **C40B 40/10** (2006.01); **C40B 50/14** (2006.01); **C40B 60/14** (2006.01); **G03F 7/40** (2006.01)

CPC (source: EP)

**B01J 19/0046** (2013.01); **B82Y 30/00** (2013.01); **C07H 21/00** (2013.01); **C07K 1/047** (2013.01); **C07K 14/003** (2013.01); **C12Q 1/6809** (2013.01); **C12Q 1/6841** (2013.01); **G03F 7/0035** (2013.01); **B01J 2219/00432** (2013.01); **B01J 2219/00497** (2013.01); **B01J 2219/00527** (2013.01); **B01J 2219/00585** (2013.01); **B01J 2219/0059** (2013.01); **B01J 2219/00596** (2013.01); **B01J 2219/00605** (2013.01); **B01J 2219/00608** (2013.01); **B01J 2219/00612** (2013.01); **B01J 2219/00617** (2013.01); **B01J 2219/00621** (2013.01); **B01J 2219/00626** (2013.01); **B01J 2219/00637** (2013.01); **B01J 2219/00644** (2013.01); **B01J 2219/00659** (2013.01); **B01J 2219/00675** (2013.01); **B01J 2219/00702** (2013.01); **B01J 2219/00711** (2013.01); **B01J 2219/0072** (2013.01); **B01J 2219/00722** (2013.01); **B01J 2219/00725** (2013.01); **B01J 2219/00729** (2013.01); **C07B 2200/11** (2013.01); **C40B 40/06** (2013.01); **C40B 40/10** (2013.01); **C40B 50/14** (2013.01); **C40B 60/14** (2013.01); **G03F 7/00** (2013.01); **G03F 7/40** (2013.01)

Citation (search report)

See references of WO 0033084A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0033084 A2 20000608**; **WO 0033084 A3 20000810**; AU 1831700 A 20000619; EP 1163374 A2 20011219; JP 2002531470 A 20020924

DOCDB simple family (application)

**US 9928021 W 19991123**; AU 1831700 A 19991123; EP 99961813 A 19991123; JP 2000585669 A 19991123